

Solvents and chromatography

102213 Carbon disulfide poor in benzene Uvasol®

| | | | |
|-----------------------|--------------------------------|--------------------------|---------------------|
| Formula Hill | CS ₂ | | |
| Chemical formula | | | |
| Molar mass | 76.14 g/mol | | |
| Density | 1.26 g/cm ³ (20 °C) | | |
| pH value | | | |
| Form | liquid | | $S \equiv S$ |
| Color | colourless | | |
| Odeur | characteristic odour | | |
| Melting point | -111.6 °C | | |
| Boiling point | 46.5 °C | | |
| Vapor pressure | 398 hPa (20 °C) | Solubility in water | 2.1 g/l (20 °C) |
| Explosion limits | 1 - 60 Vol% | Solubility in ethanol | |
| Flash point | -30 °C | Solubility in chloroform | |
| Thermal decomposition | | Water absorbtion | |
| Heat of evaporation | | Saturation conc. (air) | |
| Evaporation number | | Dielectric constant | |
| Ignition temperature | 100 °C | Dipole moment | |
| Bulk density | | Viscosity dynamical | 0.363 mPa*s (20 °C) |
| Refractive index | | Viscosity kinematical | |